



# Retouching images

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Welcome to Corel PHOTO-PAINT®, a powerful bitmap image-editing application that lets you retouch existing photos or create original graphics.

In this tutorial, you'll learn how to retouch a scanned image, making it suitable for e-mailing.

## What you will learn

In this tutorial, you will learn how to

- align and crop an image
- remove red-eye from an image
- remove imperfections from an image by blending
- adjust image color and tone
- clone out unwanted areas
- save to a new file format

This is what the image looks like before corrections:



This is what the image will look like after corrections:









### Opening the image

You'll start by opening the sample file.

- 1 Click **File** menu ► **Open**.
- 2 From the **Files of type** list box, choose **TIF - TIFF Bitmap**.
- 3 Choose the folder **Program files\Corel\CorelDRAW Graphics Suite 13\Languages\EN\Tutorials\Sample files**.
- 4 Double-click the filename **start.tif**.

### Aligning and cropping the image

The scanned image is slightly askew. You will use the **Crop** tool to align the image.

- 1 Click **View** menu ► **Fit in window**.
- 2 In the toolbox, click the **Crop** tool .
- 3 Drag across the image to create a rectangle.
- 4 Click inside the cropping area to display the rotation handles.
- 5 On the property bar, click the **Open advanced options** button .
- 6 In the **Crop angle** box    on the extended property bar, type **5**, and press **Enter**.



- 7 Click inside the cropping area to display the sizing handles once again.
- 8 Drag the sizing handles to enclose as much of the image in the rectangle as possible without including any white space.
- 9 Double-click inside the rectangle to remove the area outside.  
The image is aligned and cropped.





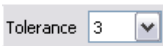



This is what the image should look like:



### Removing red-eye

Now, you'll use the **Red-eye removal** tool to remove the redness from the girl's eyes. Red-eye occurs when light from a flash reflects off the back of the eye.

- 1 Open the **Touch-up** flyout , and click the **Red-eye removal** tool .
- 2 From the **Nib shape** picker  on the property bar, choose the third brush in the top row.
- 3 Type **30** in the **Size** box .
- 4 Choose **3** from the **Tolerance** drop-down list .
- 5 Click in the red area of each of the girl's eyes, and dab with the brush to remove the red color.

If you want to take a closer look at the image, choose the **Zoom** tool  from the toolbox. Click an area of the image to zoom in; right-click to zoom out.

This is what the image should look like:










### Touching up the image

You can remove imperfections, such as tears, scratch marks, and wrinkles, from an image by blending its textures and colors. You choose the range of pixels necessary to retouch the image, depending on the size of the correction and the area surrounding it.

Now, you'll use the **Touch-up brush** tool to remove the scratch from the girl's forehead.

- 1 Open the **Touch-up** flyout , and click the **Touch-up brush** tool .
- 2 From the **Nib shape** picker  on the property bar, choose the third brush in the top row.
- 3 Type **20** in the **Size** box  to specify the nib size.
- 4 Choose **Medium** from the **Strength** box  to set the intensity of the effect.
- 5 Dab the brush on the scratched area on the forehead.



This is what the image should look like:



### Adjusting image color and tone

Corel PHOTO-PAINT provides you with filters and tools to make adjustments to the color and tone of images. In the following procedure, you will adjust the image's color and tone by using the Image Adjustment Lab.

As you work, the **Hints** area in the Image Adjustment Lab gives you more information about the current tool or control you are using.

- 1 Click **Adjust** menu ► **Image adjustment lab**.
- 2 Click the **Select white point** button  in the upper-right corner.
- 3 Click in the image on the white color in the top part of the umbrella.
- 4 Click the **Select black point** button .
- 5 Click in the image on the dark color at the bottom of the left pigtail.
- 6 Move the **Temperature** slider to **4819**.











- 7 Move the **Saturation** slider to **17**.
- 8 Move the **Highlights** slider to **-24**.
- 9 Click **OK**.

This is what the image should look like:



### Removing the tear

Now you will remove the tear in the photo by using the **Clone** tool. The **Clone** tool consists of two brushes: a source point brush and a clone brush that applies the copied pixels from the source point.

- 1 Open the **Touch-up** flyout , and click the **Clone** tool .
- 2 On the property bar, choose the **Round nib** shape .
- 3 In the **Size** box , type **30**.
- 4 On the property bar, click the **Open advanced options** button .
- 5 In the **Feather** box , type **25**.
- 6 Click near the tear to create a source point.  
A cross-hair displays in the source point brush to distinguish it from the clone brush.
- 7 Click on the tear (as shown by the second circle in the image below) to set the clone brush.





- 8 Drag along the tear to remove it.

Once you set the source point and the clone brush, they move together, so that the source point brush samples pixels continuously as it moves across the image.



- 9 To reset the source point, right-click where you want to place the crosshair, then left-click and drag to clone pixels.

This is what the final image should look like:



### Saving to a new file format

Corel PHOTO-PAINT offers a wide variety of file formats. The sample image is a scanned photo saved as a TIFF file. If you want to e-mail an image, you probably want to change the file format in order to reduce the file size.

You'll save the sample image in the JPEG format.

- 1 Click **File** menu ► **Save as**.
- 2 From the **Files of type** list box, choose **JPG - JPEG bitmaps**.
- 3 From the **Save in** list box, choose the drive and folder where you want to save the file.
- 4 Click **Save**.
- 5 In the **JPEG export** dialog box, drag inside the **Original** preview window to view other parts of the image and compare them with the image in the **Result** preview window.



- 6 Move the **Compression** slider to change the file size, which is displayed in the lower-right corner of the dialog box.

A higher compression number results in a smaller file size but decreases image quality.

- 7 Set any other options you want.
- 8 Click **OK**.

### From here ...

You can explore Corel PHOTO-PAINT on your own, or you can learn more by completing other CorelTUTOR™ tutorials.

For more information about the topics and tools discussed in this tutorial, refer to the Help. To access Corel PHOTO-PAINT Help, click **Help** menu ► **Help topics**.